



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY

PROGRAM EXECUTIVE OFFICE
ENTERPRISE INFORMATION SYSTEMS

PRODUCT MANAGER
JOINT - AUTOMATIC IDENTIFICATION TECHNOLOGY
8580 CINDER BED ROAD, SUITE 1400
NEWINGTON, VIRGINIA 22122-8580

SFAE-PS-S-AIT

28 August 2006

MEMORANDUM FOR DoD Activities With Requirements to Read Data Matrix Symbology and Vendors of Area Imaging Devices

SUBJECT: Assessment of Commercial Area Imaging Devices

1. In support of DoD's Item Unique Identification (IUID) initiative, the Army's Product Manager, Joint - Automatic Identification Technology (PM J-AIT) will be conducting an assessment of commercial area imaging devices (commonly called barcode readers). Manufacturers will be invited to demonstrate the reading capabilities of their imagers against scenarios representing the real world conditions under which DoD organizations must read data matrix symbols. The results of the demonstrations will be disseminated within DoD. The bottom line objective is to assist DoD organizations in screening imagers on the market to identify those that are capable of meeting their specific imaging needs.
2. The key to success is obtaining detailed descriptions of the marks that must be read and the environments in which the reading will take place. Each combination of a mark and an environment constitutes a Use Case. Testing the ability of an imager to read the same mark in two different environments involves two use cases. Use cases will be replicated at the PM J-AIT's engineering laboratory and the capabilities of industry's imaging products demonstrated on each.
3. The greatest beneficiaries of this process will be those DoD activities that submit use cases. Only by submitting your use case or cases can you ensure that the imaging devices are tested against your specific reading situation. Vendors will also benefit as the impartial descriptions of the performance of their products are broadcast within the DoD.
4. DoD elements desiring to submit use cases should request to be added to our DoD user e-mail list. They will receive detailed instructions for the submission of use cases when that information is finalized. Vendors of area imagers interested in demonstrating their products should likewise request inclusion on our vendor e-mail list. They will receive additional information when it is finalized. Forward all requests to the PM J-AIT engineering laboratory point of contact (POC), john.domin@us.army.mil.
5. The deadline for use case submission will be mid-October 2006. Vendor demonstrations have been tentatively scheduled for mid-November through mid-December 2006.

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SUBJECT: DoD's Item Unique Identification (IUID) initiative

6. Questions may be directed to the POC for this action, Mr. John Domin at john.domin@us.army.mil, or telephone (570) 895-7875.

A handwritten signature in black ink, appearing to read 'P. W. Burden', with a long horizontal line extending to the right.

PATRICK W. BURDEN

LTC, FA

Product Manager,

Joint-Automatic Identification Technology